FERC TECHNICAL CONFERENCE
Queuing of Generator Interconnection Requests

January 21, 2003

American Wind Energy Association

Issue # 1
Untimely, Opaque Process

- Queue lengths of 18-24 months are common.
- Project engineering must be complete before study begins.
- Neither models nor databases nor full results are available to generator.

Solution

Generator self-study option for "energy only" portion of interconnection. Use of appropriate milestones to ensure only active projects proceed to cluster study phase.

Issue # 2

Sequential study process is inefficient and yields expensive results for both generator and grid

- Sub-optimum grid enhancements.
- Zombie project problem.
- Requires constant “do-overs” as other projects evolve.
- “Out of queue order” studies are required, but do not solve problem.

Solution

Class year, open season cluster studies of projects for “deliverability” and congestion analysis portion of interconnection study.

Issue # 3

"Worst case" peak day analysis is used inappropriately

- Requires generator to cure uneconomic congestion.
- Does not allow for use of "remedial action schemes" and market based congestion management to solve contingency issues and rare congestion.

Solution

Use chronological dispatch model consistent with SMD pro-forma tariff for generator redispatch and congestion duration analysis.